

BATTERY TERMINALABSTRACT OF THE DISCLOSURE

A connector is provided for coupling a single wire electrical cable to an electrical appliance. The connector includes a body portion, a compression collar, and an end cap. The body portion has an elongated axis at one end of which is a battery terminal attaching portion and at the other end of which is a cable receiving portion that has a threaded outer surface and an internally positioned electrically conductive prong for penetrating the end of an electrical cable. The compression collar is sized to fit over an electrical conductor and has gripping fingers for engaging the surface of an electrical conductor. The end cap has an opening through which a cable can be inserted and includes threads on the inner surface for mating with the threads on the body portion. In practice, an electrical conductor is inserted through the opening in the end cap and through the compression collar and impinged onto the conductive prong of the body portion. Then the end cap is threaded onto the body portion, engaging the compression collar and forcing the gripping fingers of the compression collar into engagement with the surface of the electrical conductor and thereby forcing the electrical conductor into tight engagement with the conductive prong of the connector. One embodiment provides for a cap having the gripping collar positioned and held in the cap by flanges loosely mated to the cap at each end of the collar thereby to allow the cap to rotate independently of the collar.